

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHOD AND REAGENT FOR THE INHIBITION OF TELOMERASE ENZYME

the specification of which is attached hereto unless the following space is checked:

☒ was filed on August 31, 2000 as United States Application Serial Number 09/653,225.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s):

	<u>Number</u>	<u>Country</u>	<u>Day/Month/Year Filed</u>
1.			
2.			

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

	<u>Application Number</u>	<u>Filing Date</u>
1.		
2.		

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

	<u>Application Number</u>	<u>Filing Date</u>	<u>Status: patented, pending, abandoned</u>
1.			
2.			

I hereby appoint the practitioners associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and I direct that all correspondence be addressed to that Customer Number.

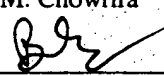
Customer Number: 020306

Principal attorney or agent: Anita J. Terpstra

Telephone number: 312-913-0001

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: Bharat M. Chowrira

Inventor's signature: 

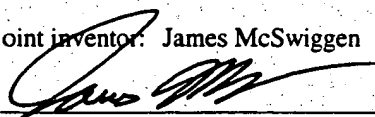
Date: 3/21/01

Residence: 1138 Clubhouse Drive Broomfield, CO 80209

Citizenship: US

Post Office Address: 1138 Clubhouse Drive Broomfield, CO 80209

Full name of second joint inventor: James McSwiggen

Inventor's signature: 

Date: 3/21/01

Residence: 4866 Franklin Drive Boulder, CO 80301

Citizenship: US

Post Office Address: 4866 Franklin Drive Boulder, CO 80301

Full name of third joint inventor: Dan T. Stinchcomb

Inventor's signature: _____

Date: _____

Residence: 8409 S. County Road 3 Ft. Collins, CO 80528

Citizenship: US

Post Office Address: 8409 S. County Road 3 Ft. Collins, CO 80528

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FOR PATENT APPLICATION**

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Prior Foreign Application(s):

<u>Number</u>	<u>Country</u>	<u>Day/Month/Year Filed</u>
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<u>Application Number</u>	<u>Filing Date</u>
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N/A

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<u>Application Number</u>	<u>Filing Date</u>	<u>Status: patented, pending, abandoned</u>
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N/A

I hereby appoint the practitioners associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and I direct that all correspondence be addressed to that Customer Number.

Customer Number: 020306

Principal attorney or agent: Anita J. Terpstra

Telephone number: 312-913-0001

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: Bharat M. Chowrira

Inventor's signature: _____

Date: _____

Residence: 1138 Clubhouse Drive Broomfield, CO 80209

Citizenship: US

Post Office Address: 1138 Clubhouse Drive Broomfield, CO 80209

Full name of second joint inventor: James McSwiggen

Inventor's signature: _____

Date: _____

Residence: 4866 Franklin Drive Boulder, CO 80301

Citizenship: US

Post Office Address: 4866 Franklin Drive Boulder, CO 80301

Full name of third joint inventor: Dan T. Stinchcomb

Inventor's signature: Dan T. Stinchcomb

Date: March 27, 2001

Residence: 8409 S. County Road 3 Ft. Collins, CO 80528

Citizenship: US

Post Office Address: 8409 S. County Road 3 Ft. Collins, CO 80528



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

JUNE 14, 2001

PTAS

MCDONNELL, BOEHNEN, HULBERT & BERGHOFF
ANITA J. TERPSTRA
300 SOUTH WACKER DRIVE, SUITE 3200
CHICAGO, IL 60606



101673803A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/02/2001

REEL/FRAME: 011661/0666
NUMBER OF PAGES: 9

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

CHOWRIRA, BHARAT M.

DOC DATE: 03/21/2001

ASSIGNOR:

MCSWIGGEN, JAMES

DOC DATE: 03/21/2001

ASSIGNOR:

STINCHCOMB, DAN T.

DOC DATE: 03/21/2001

ASSIGNEE:

RIBOZYME PHARMACEUTICALS, INC.
2950 WILDERNESS PLACE
BOULDER, COLORADO 80301

SERIAL NUMBER: 09653225
PATENT NUMBER:

FILING DATE: 08/31/2000
ISSUE DATE:

011661/0666 PAGE 2

KIMBERLY WHITE, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

04-13-2001



FORM PTO-1595

RE

 101673803
PATENTS ONLY

JT

 U.S. DEPARTMENT OF COMMERCE
 Patent and Trademark Office

 Attorney Ref. No. MBHB00-882-C
 (250/131)

To The Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying parties:

 Bharat M. Chowrira
 James McSwiggen
 Dan T. Stinchcomb

 Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: Ribozyme Pharmaceuticals, Inc.

Internal Address:

Street Address: 2950 Wilderness Place

City: Boulder State: Colorado Zip: 80301

 Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other :

Execution Date: March 21, 2001 and March 27, 2001

4. Application number(s) or patent number(s): 1

If this document is being filed together with a new application, the execution date of the application is:

 A. Patent Application No.(s): 09/653,225

B. Patent No.(s)

 Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Anita J. Terpstra

Company Name: McDonnell, Boehnen, Hulbert & Berghoff

Street Address: 300 South Wacker Drive, Suite 3200

City: Chicago State: IL ZIP: 60606

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41).....\$40.00

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number: 13-2490

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

 Anita J. Terpstra
 Printed Name of Person Signing

Signature

 Date: March 30, 2001

Total number of pages including cover sheet, attachments, and document: 8

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

ASSIGNMENT

Case No.: MBHB00-882-C (250/131)
Inventors: Bharat M. Chowrira, James McSwiggen,
and Dan T. Stinchcomb

Serial No.: 09/653,225
Filing Date: August 31, 2000

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

**RIBOZYME PHARMACEUTICALS, INC.,
a corporation organized and existing under and by virtue of the
laws of the State of Delaware and
having its place of business at 2950 Wilderness Place, Boulder, Colorado 80301**

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

METHOD AND REAGENT FOR THE INHIBITION OF TELOMERASE ENZYME

and identified as:

Case No. MBHB00-882-C (250/131)

in the offices of McDONNELL BOEHNNEN HULBERT & BERGHOFF and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and

invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

WITNESS my hand and seal this 21st day of March, 2001.



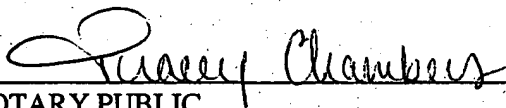
BHARAT CHOWRIRA

State of Colorado

County of Boulder

The foregoing instrument was acknowledged before me this 21st day of March, 2001, by

BHARAT CHOWRIRA.



NOTARY PUBLIC

My Notary Commission Expires June 28, 2003

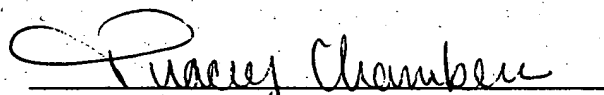
WITNESS my hand and seal this 21 day of March, 2001.


JAMES McSWIGGEN

State of Colorado

County of Boulder

The foregoing instrument was acknowledged before me this 21st day of March, 2001, by
JAMES McSWIGGEN.


NOTARY PUBLIC

WITNESS my hand and seal this _____ day of _____, 2001.

My Notary Commission Expires June 28, 2003

DAN T. STINCHCOMB

State of _____

County of _____

The foregoing instrument was acknowledged before me this _____ day of _____, 2001, by
DAN T. STINCHCOMB.

NOTARY PUBLIC

ASSIGNMENT

Case No.: MBHB00-882-C (250/131)

Serial No.: 09/653,225

Inventors: Bharat Chowrira, James McSwiggen, and Dan T. Stinchcomb

Filing Date: April 15, 2000

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

RIBOZYME PHARMACEUTICALS, INC.,
a corporation organized and existing under and by virtue of the
laws of the State of Delaware and
having its place of business at 2950 Wilderness Place, Boulder, Colorado 80301

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

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and identified as:

Case No. MBHB00-882-C (250/131)

in the offices of MCDONNELL BOEHNEN HULBERT & BERGHOFF and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

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For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said

further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

WITNESS my hand and seal this ____ day of _____, 2001.

BHARAT M. CHOWRIRA

State of

County of

The foregoing instrument was acknowledged before me this ____ day of _____, 2001,
by BHARAT M. CHOWRIRA.

NOTARY PUBLIC

WITNESS my hand and seal this ____ day of _____, 2001.

JAMES McSWIGGEN

State of

County of

The foregoing instrument was acknowledged before me this ____ day of _____, 2001, by
JAMES McSWIGGEN.

NOTARY PUBLIC

WITNESS my hand and seal this 27th day of March, 2001.

Dan T. Stinchcomb
DAN T. STINCHCOMB

State of COLORADO

County of LARIMER

The foregoing instrument was acknowledged before me this 27th day of March, 2001, by
DAN T. STINCHCOMB.

Susan A. Gordon
NOTARY PUBLIC

My commission expires 11/22/04.

RECORDATION FORM COVER SHEET **PATENTS ONLY**

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Attorney Ref. No. MBHB00-882-C
(250/131)

To The Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

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James McSwiggen
Dan T. Stinchcomb

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City: Boulder State: Colorado Zip: 80301

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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☒ Assignment

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☐ Merger

☐ Change of Name

Execution Date: March 21, 2001 and March 27, 2001

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B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Anita J. Terpstra

Company Name: McDonnell, Boehnen, Hulbert & Berghoff

Street Address: 300 South Wacker Drive, Suite 3200

City: Chicago State: IL ZIP: 60606

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41).....\$40.00

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number: 13-2490

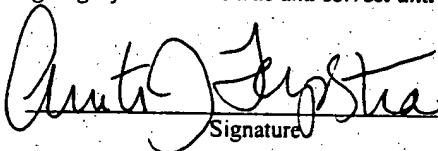
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Anita J. Terpstra

Printed Name of Person Signing



Signature

Date: March 30, 2001

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Box Assignments

Washington, D.C. 20231